

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,229,680 B1
APPLICATION NO. : 09/666813
DATED : June 12, 2007
INVENTOR(S) : Cromton

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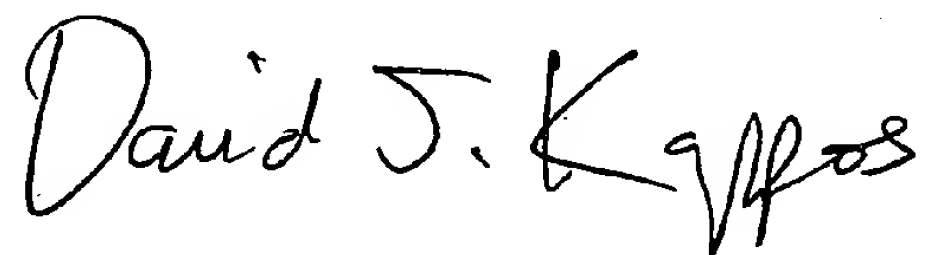
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page, showing an illustrative figure, should be deleted and substitute therefor the attached title page.

Delete drawing sheets 1-10, and substitute therefor the drawing sheets, consisting of FIGS. 1A - FIG 4, As shown on the attached pages.

Signed and Sealed this

Third Day of November, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Crompton

(10) **Patent No.:** US 7,229,680 B1
(45) **Date of Patent:** Jun. 12, 2007

(54) **REALISTICALLY TEXTURED PRINTED
FLOCKED FABRICS AND METHODS FOR
MAKING THE FABRICS**

(75) **Inventor:** Kevin R. Crompton, Westport, MA
(US)

(73) **Assignee:** Microfibres, Inc., Pawtucket, RI (US)

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 395 days.

(21) **Appl. No.:** 09/666,813

(22) **Filed:** Sep. 21, 2000

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21, 1999.

(51) **Int. Cl.**
B32B 33/00 (2006.01)
B32B 3/02 (2006.01)
B32B 3/26 (2006.01)

(52) **U.S. Cl.** 428/89; 428/88; 428/90;
428/919

(58) **Field of Classification Search** 428/90,
428/88, 89, 96, 919
See application file for complete search history.

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Russia.

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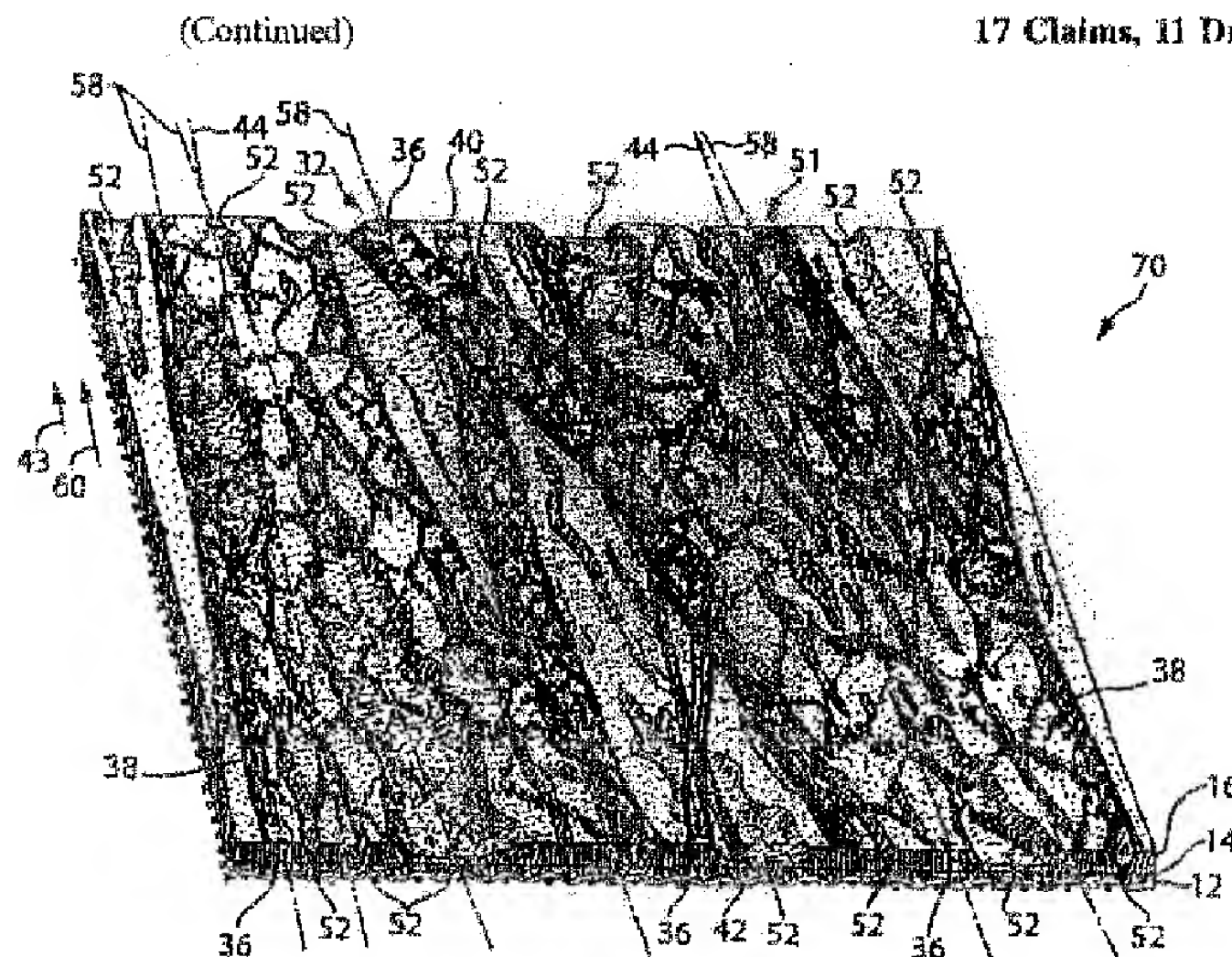
Primary Examiner—Cheryl A. Juska

(74) *Attorney, Agent, or Firm*—Wolf, Greenfield & Sacks,
P.C.

(57) **ABSTRACT**

The present invention is directed to unique flocked pile
fabrics and methods for producing such fabrics. The fabrics
provided according to one embodiment of the invention
include an embossed pattern, characterized by a plurality of
elongated depressions in the surface of the pile fabric, and
a superimposed printed pattern, characterized by a scene or
illustration including a plurality of visual features having
elongated shapes. The inventive embossed, printed pile
fabrics, having a superimposed embossed and printed pat-
tern, advantageously superimpose the embossed pattern and
the printed pattern upon the pile fabric so that the embossed
pattern imparts a three-dimensional texture to the scene or
illustration or pattern comprising the printed pattern. The
texture provided by the embossed pattern can impart a visual
effect to the scene or illustration which can render it more
realistic than a similar scene or illustration printed upon a
conventional unembossed pile fabric. In one embodiment,
this unique texturing effect is accomplished by substantially
aligning the longitudinal axes of the elongate features of the
printed pattern and the elongate features of the embossed
pattern. The pile fabric provided by the invention can be
produced by utilizing a plurality of embossing and printing
techniques. In one embodiment, the embossing technique
comprises air embossing, and the printing technique com-
prises paper transfer printing utilizing a paper transfer sheet.
The fabrics provided by the invention are especially useful
as camouflage fabrics. Such fabrics typically include a
printed scene or illustration representing a sylvan setting
dominated by visual features such as trees, branches, bushes,
leaves, flowers, berries, grass, rocks, moss, etc.

17 Claims, 11 Drawing Sheets



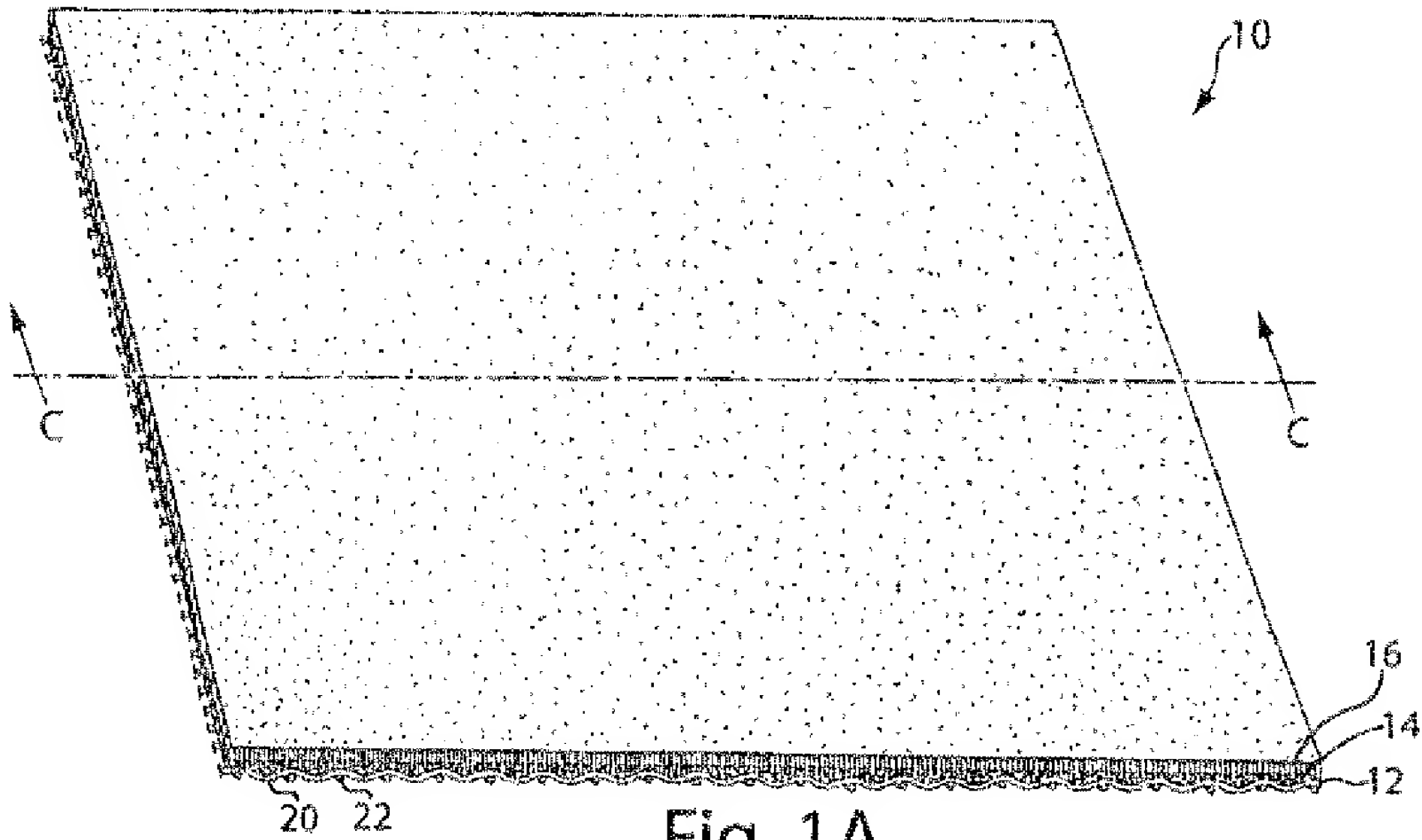


Fig. 1A
(PRIOR ART)

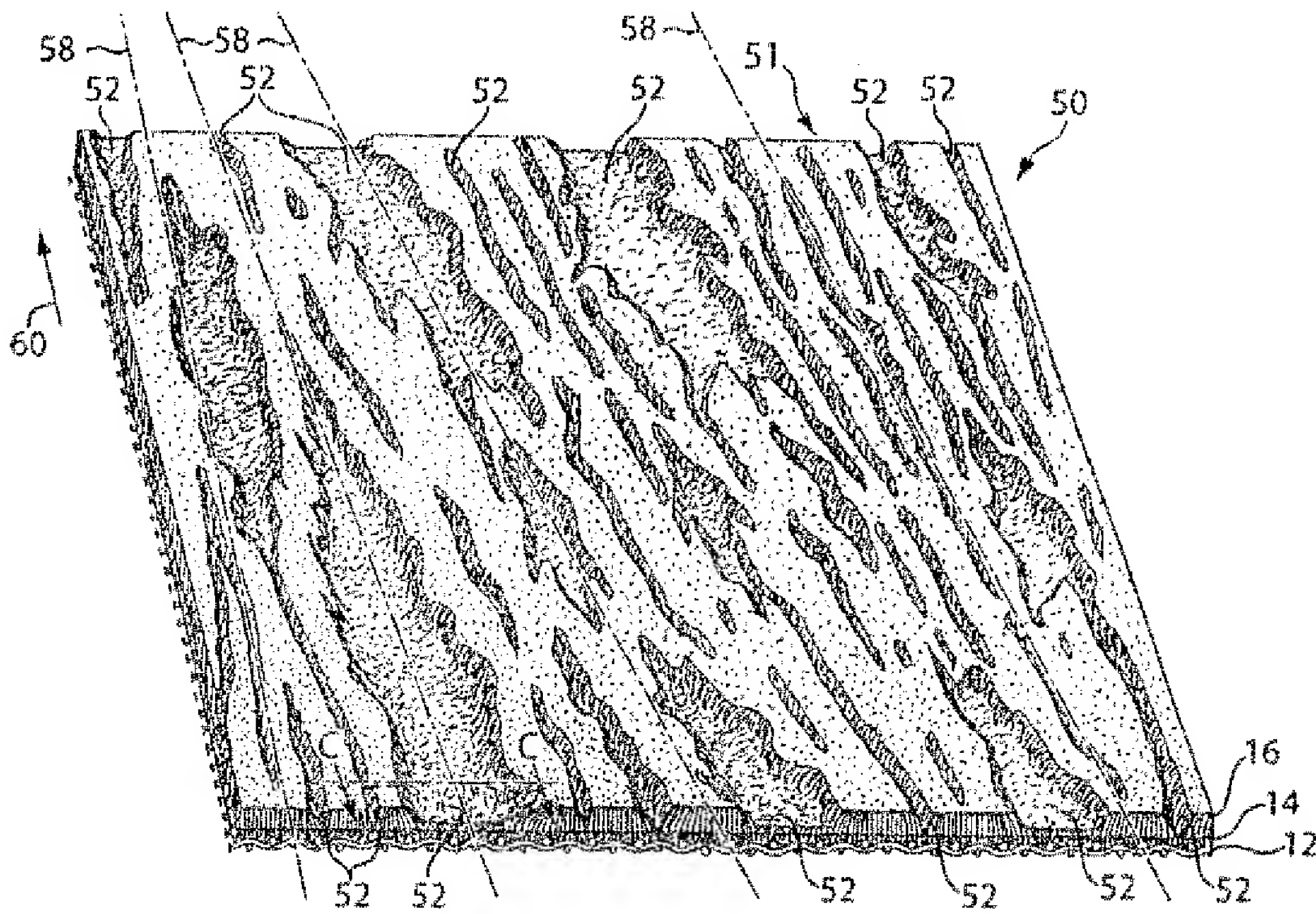


Fig. 2A

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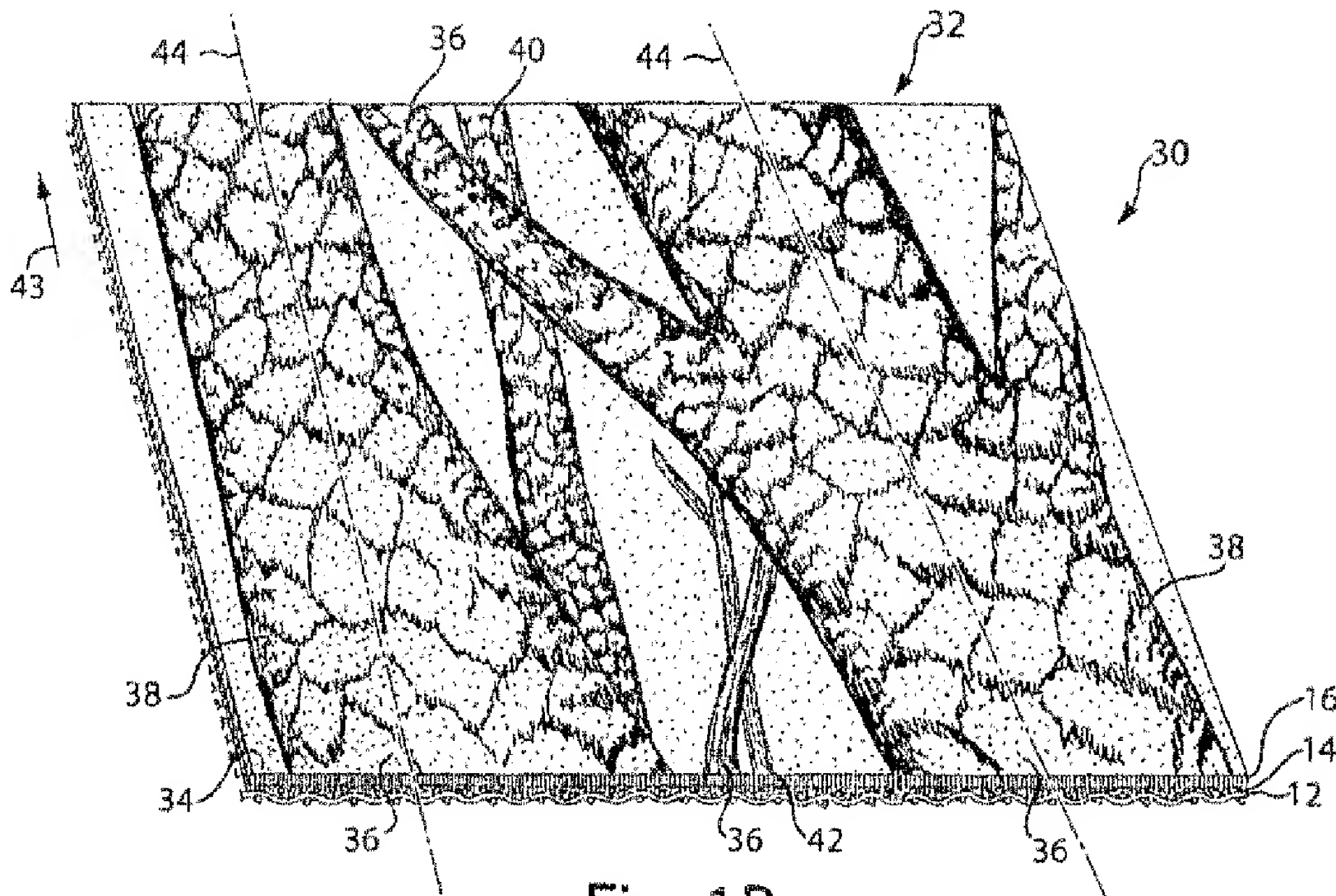


Fig. 1B
(PRIOR ART)

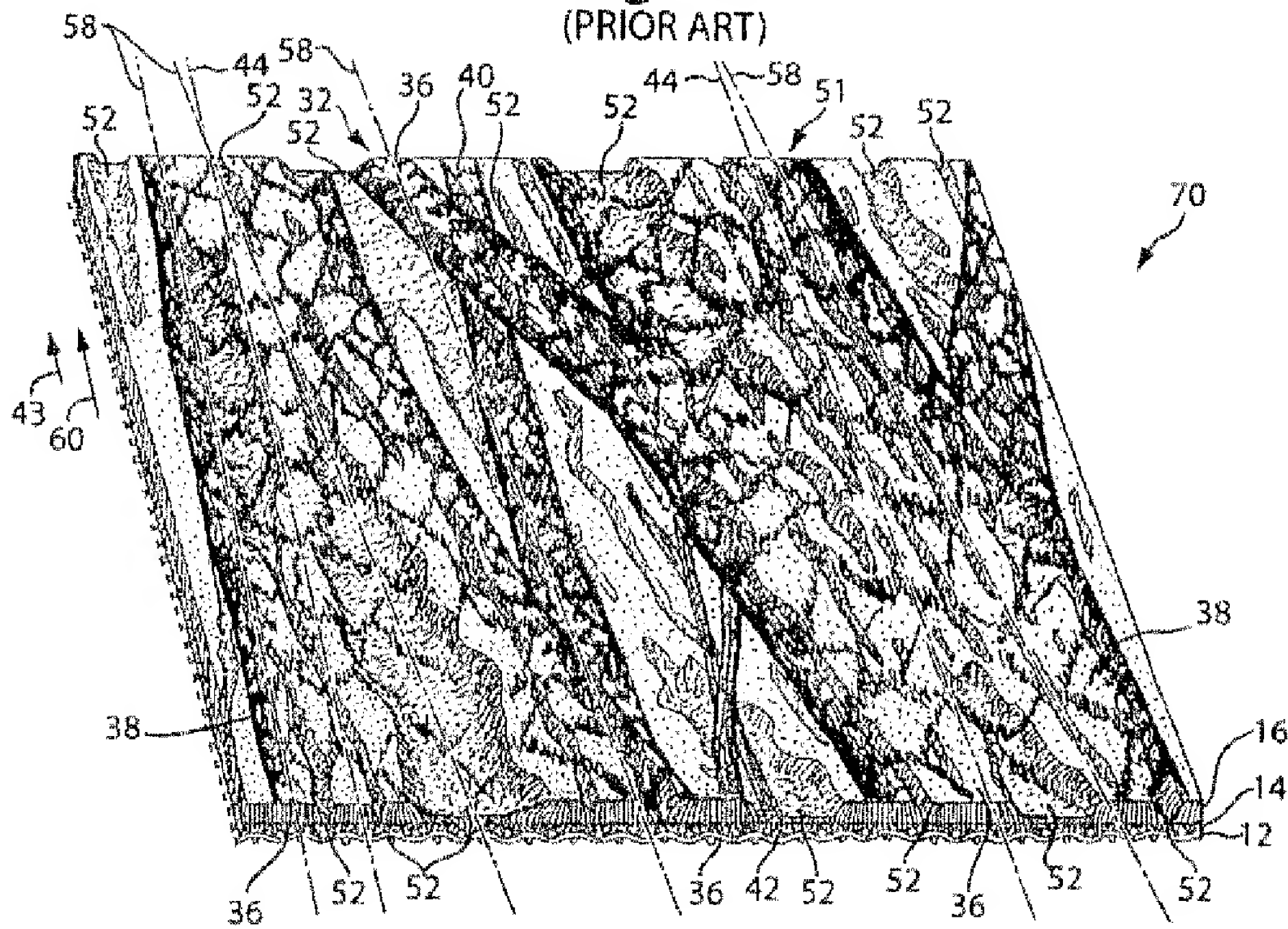


Fig. 2D

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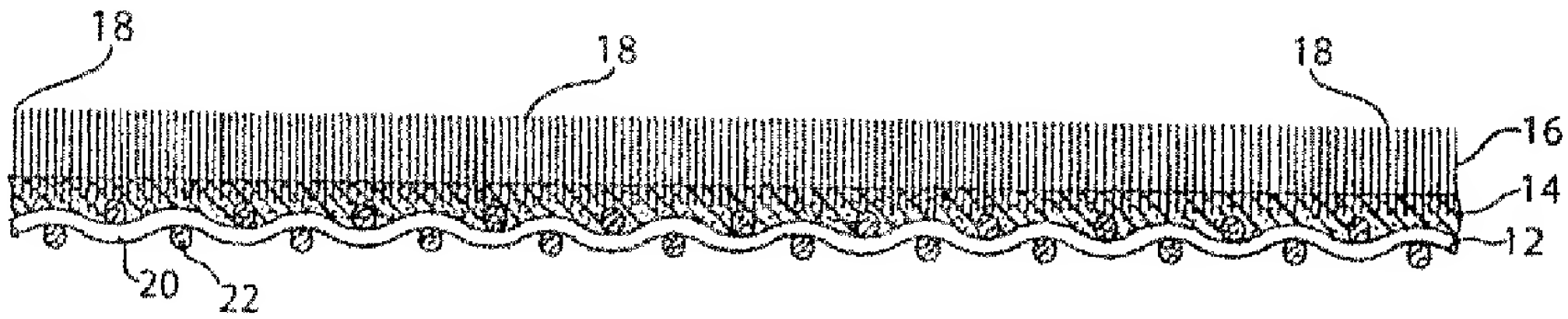


Fig. 1C
(PRIOR ART)

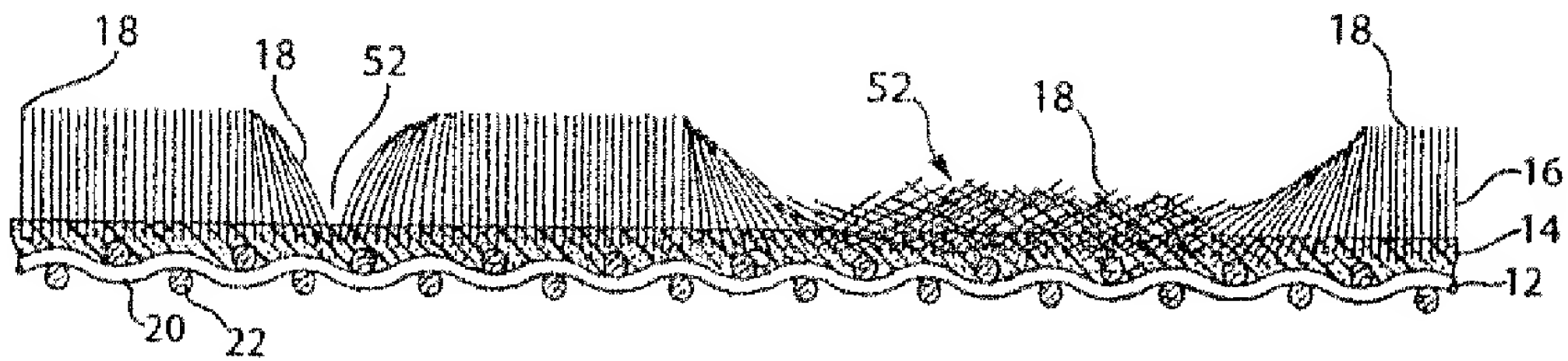


Fig. 2C

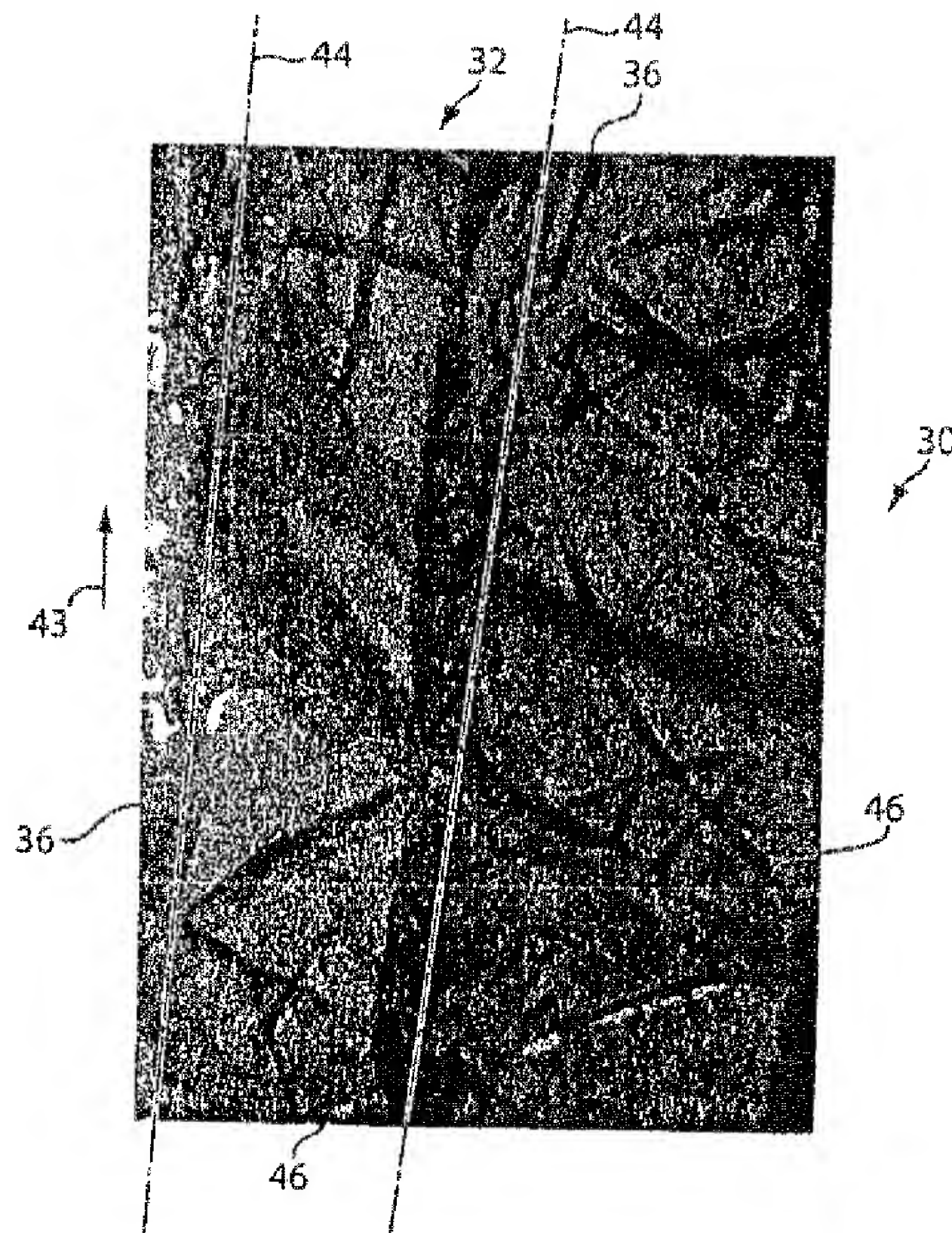


Fig. 1D

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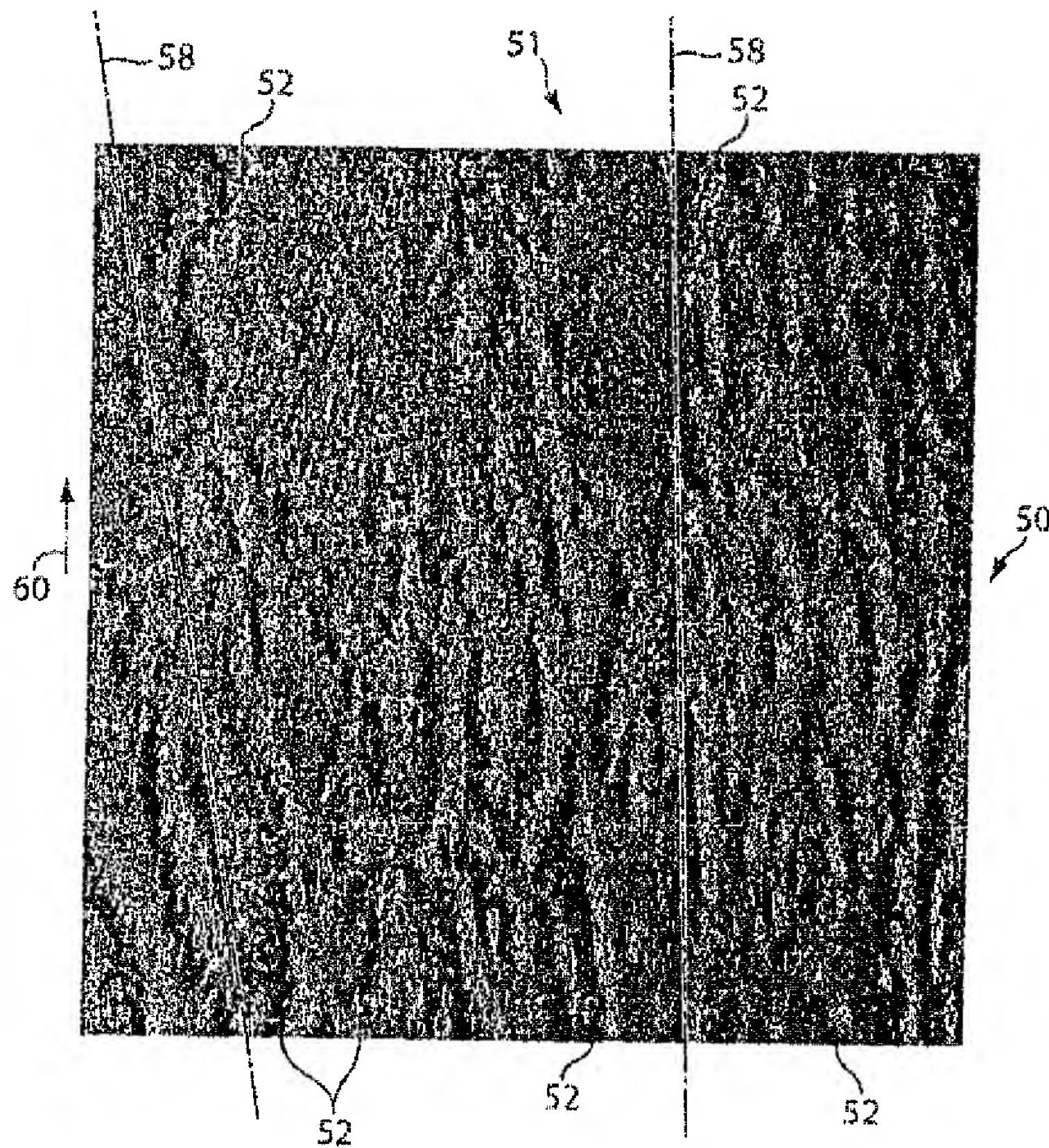


Fig. 2B

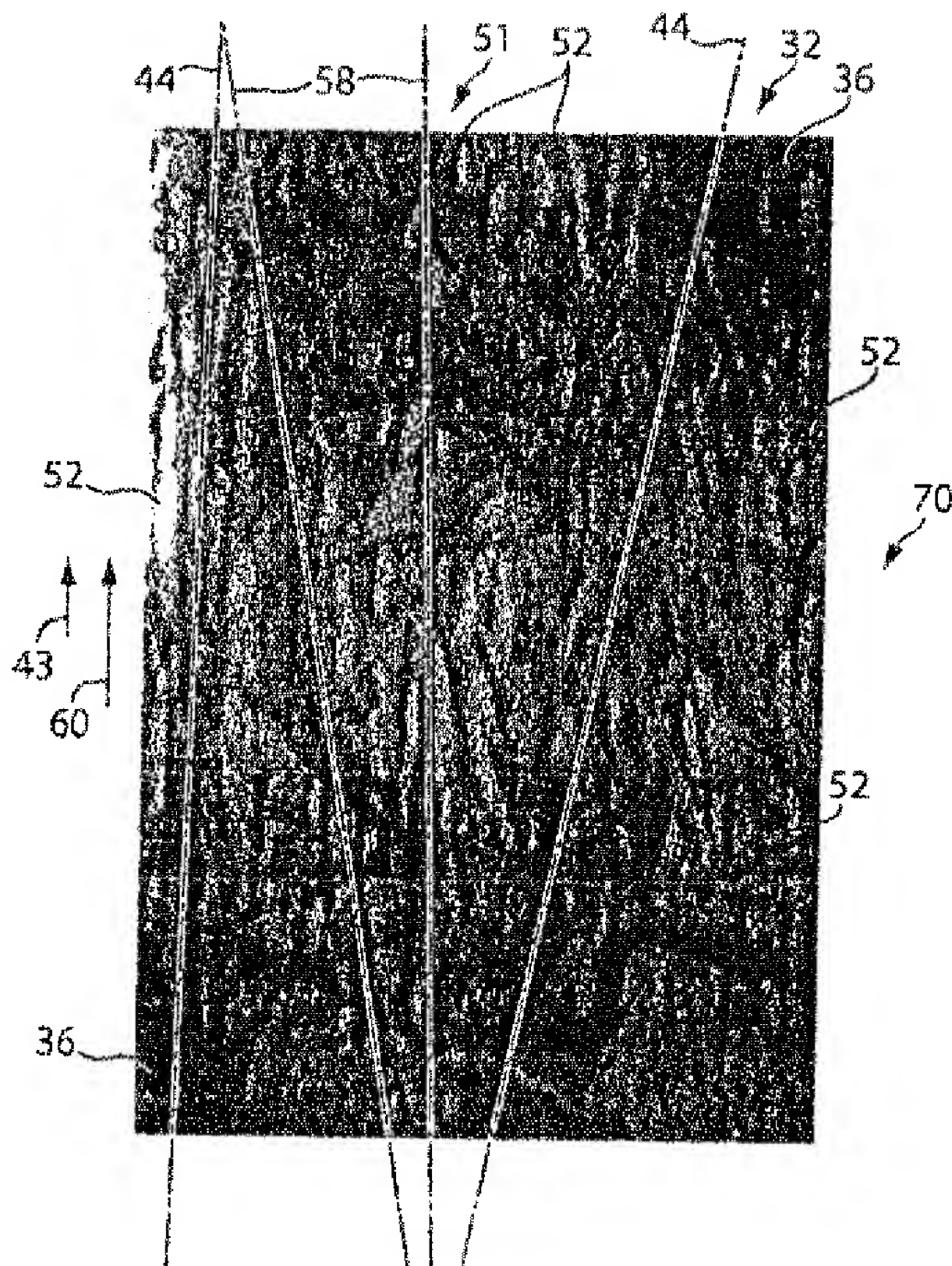


Fig. 2E

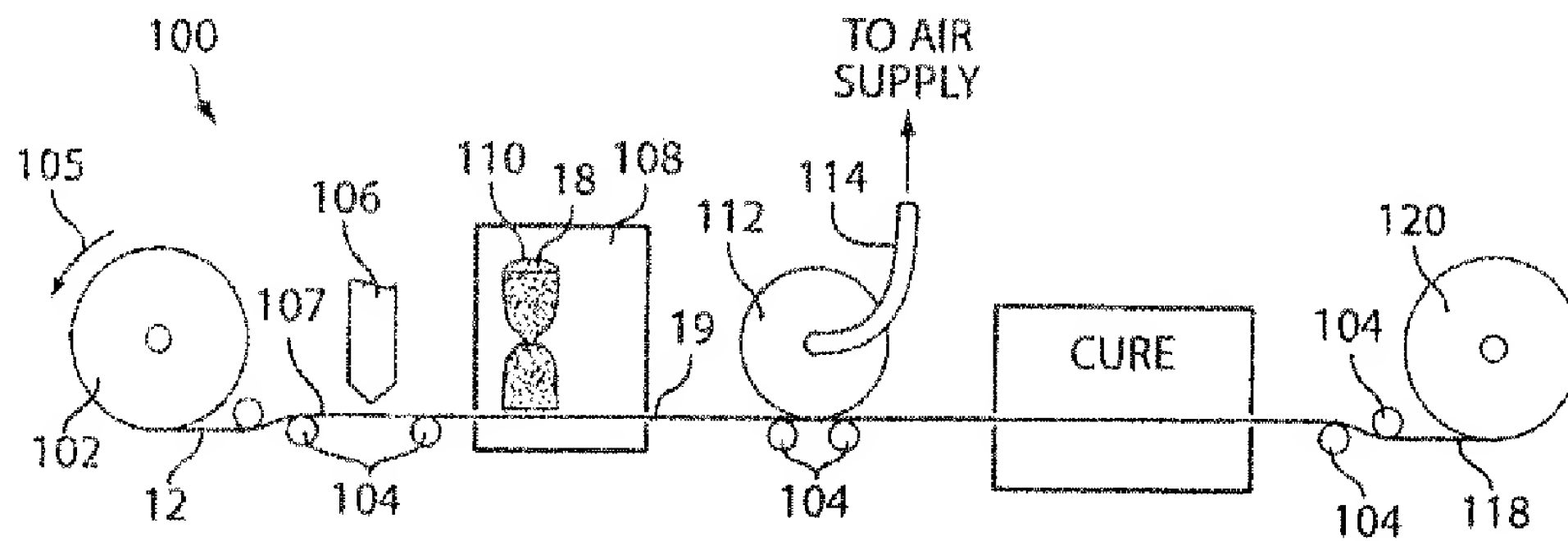
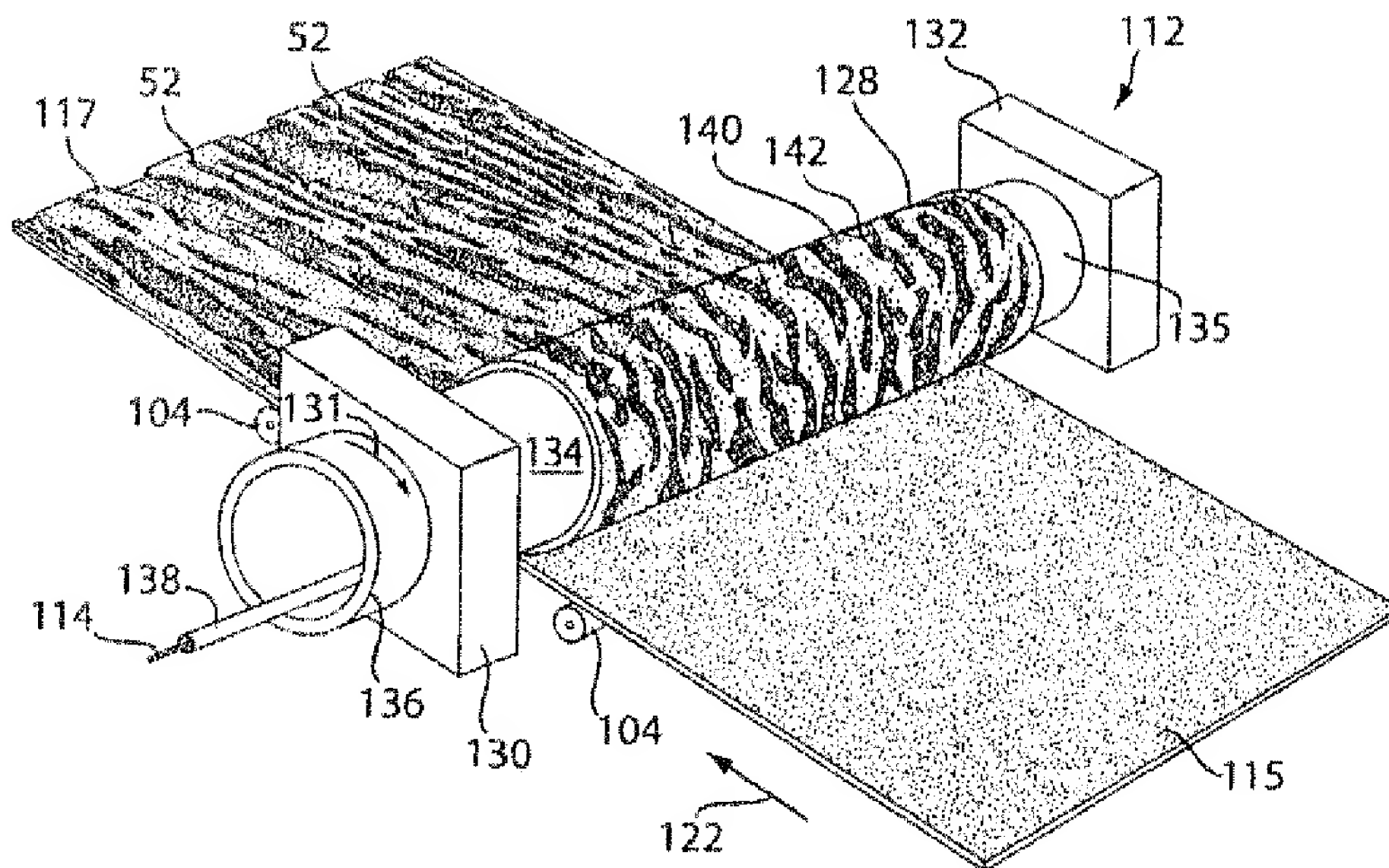


Fig. 3A



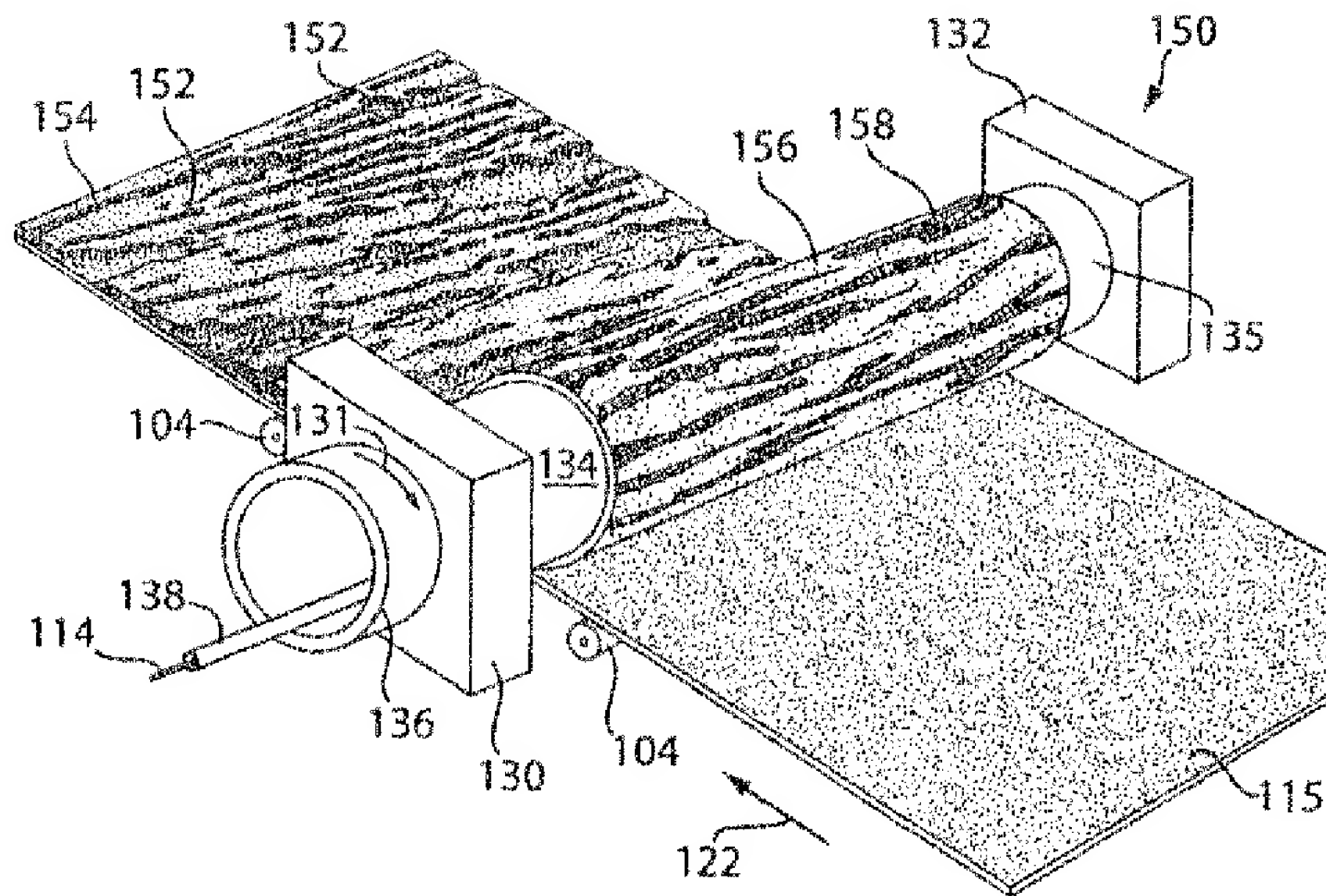


Fig. 3C

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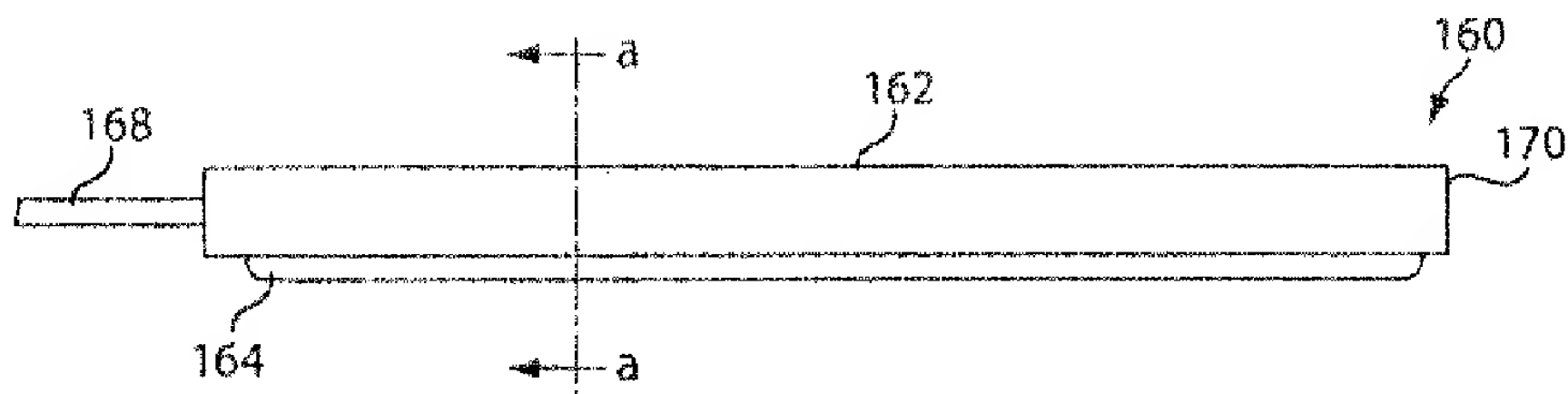


Fig. 3D

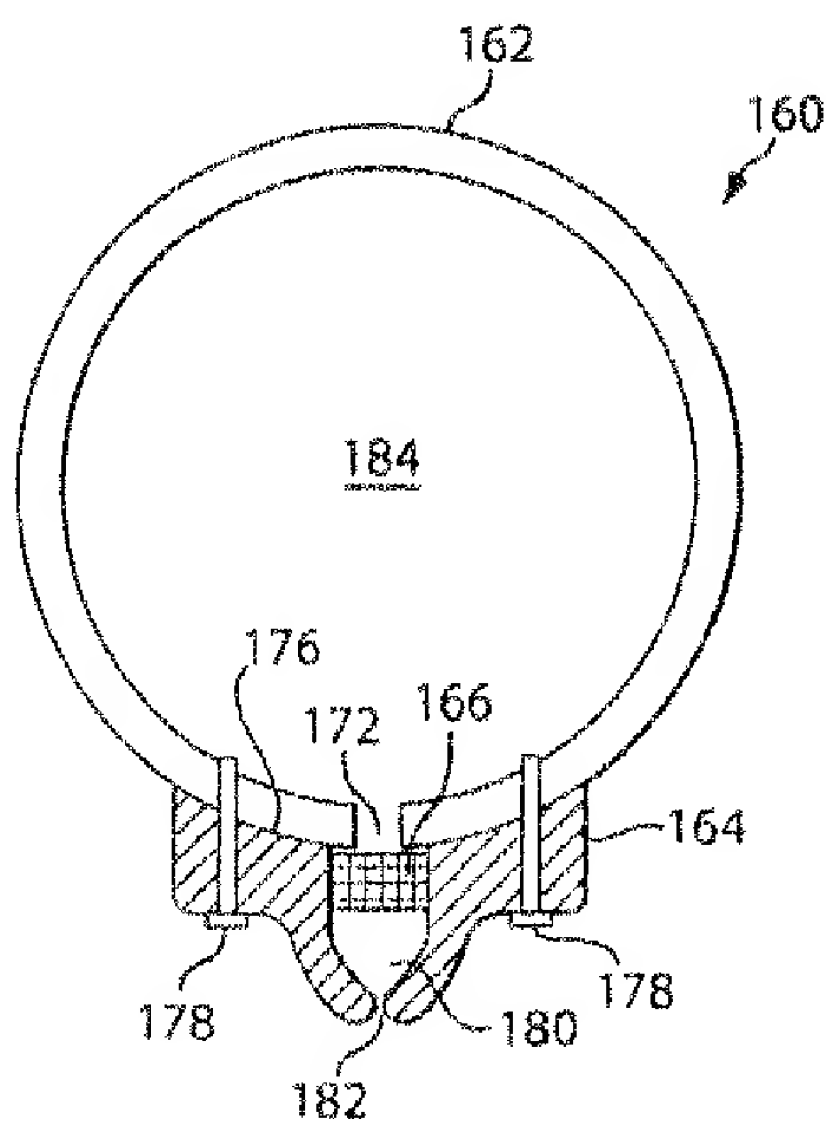


Fig. 3E

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